Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P1047549

Luminaire Tested: **GALN-SA9A-935-U-T3BC**

Issue Date: 07/10/2025

Report Generated By 670347003

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1047549
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA9A-935-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE 90CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(126) 3500K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	24680 lumens
Efficiency:	N/A
Efficacy:	100.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G4

Input Watts (W):	244.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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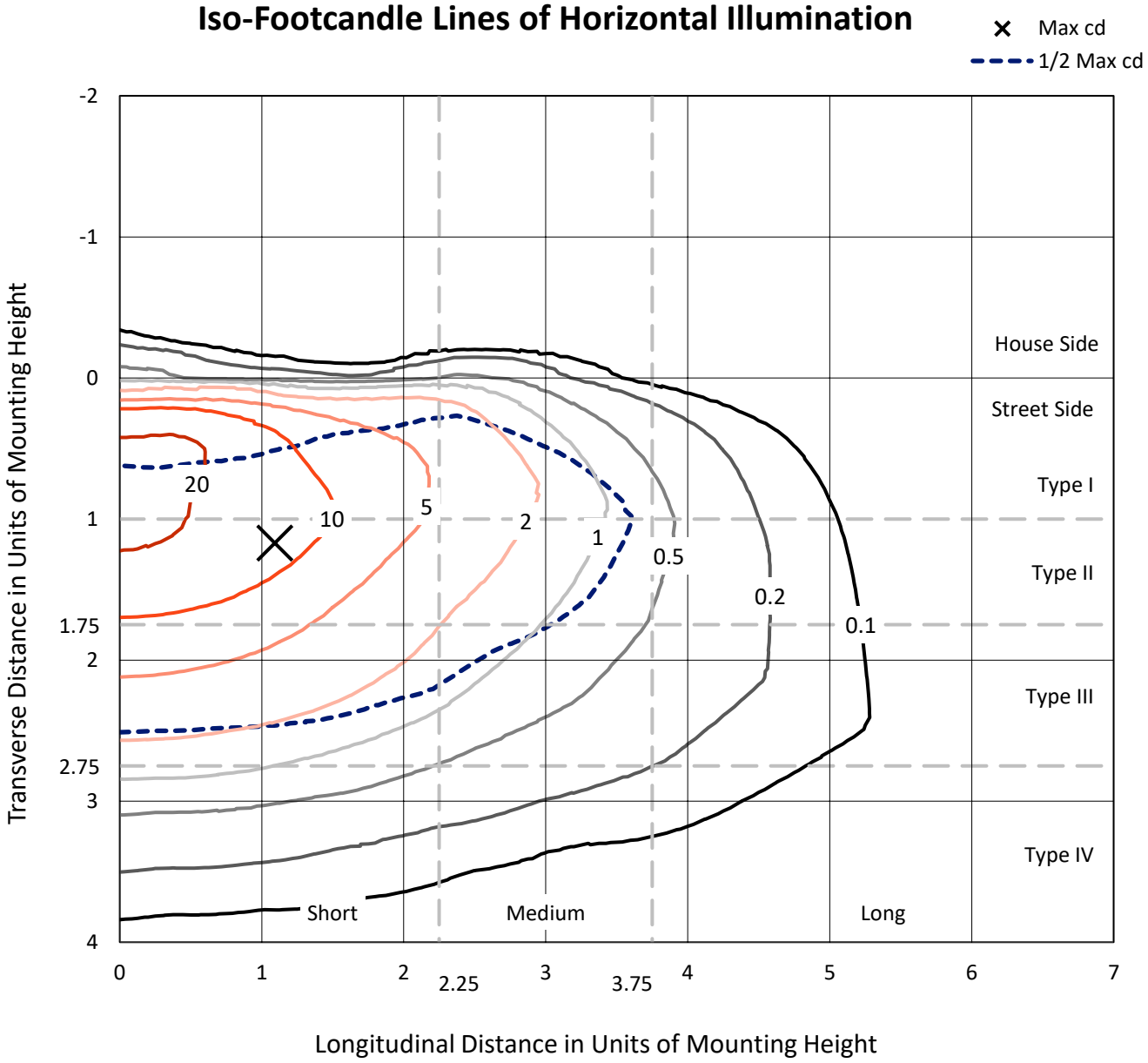
REPORT NUMBER: P1047549
CATALOG NUMBER: GALN-SA9A-935-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 27.7 fc
Type III - Short - N/A

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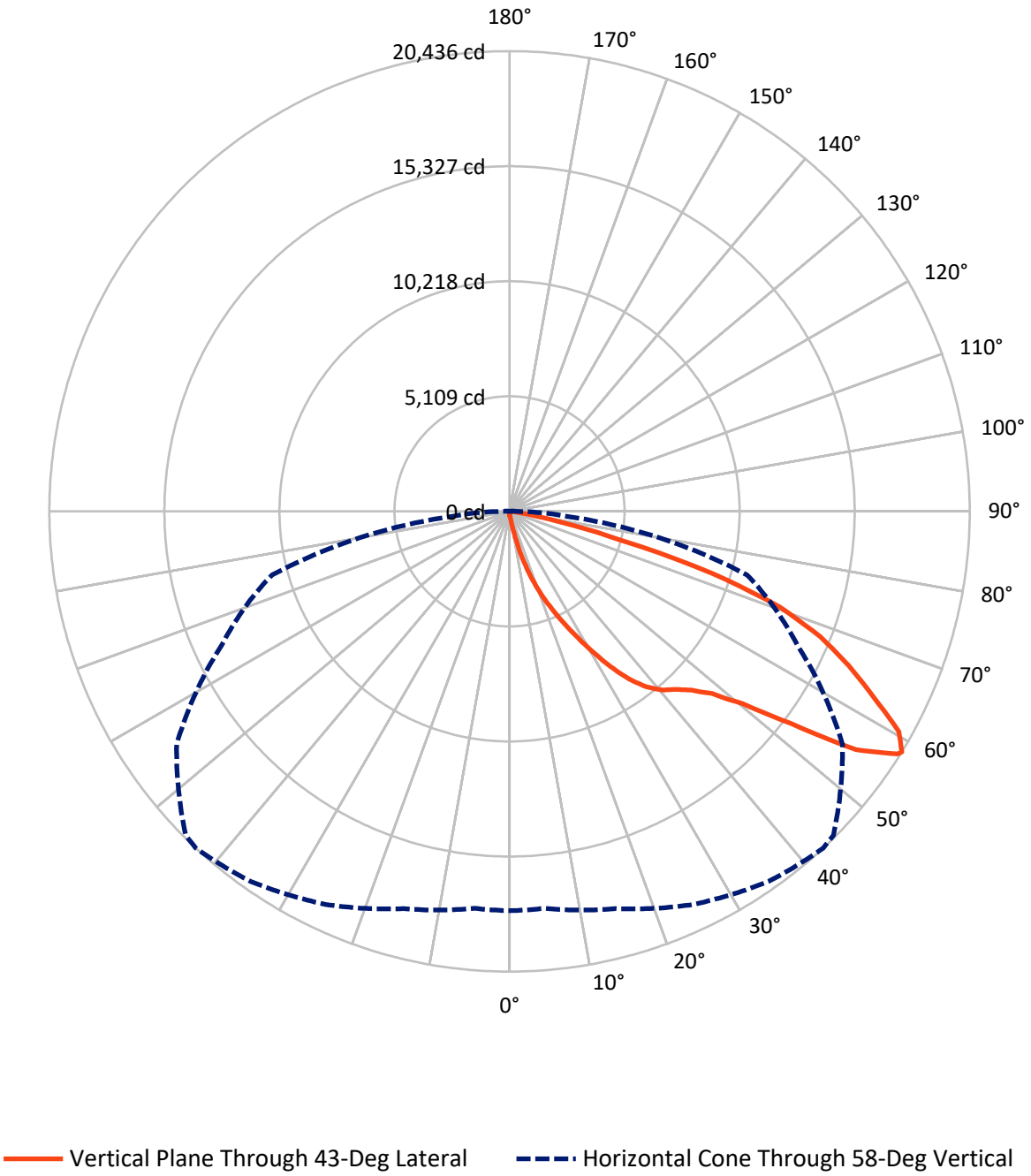
Luminous Intensity Polar Plot



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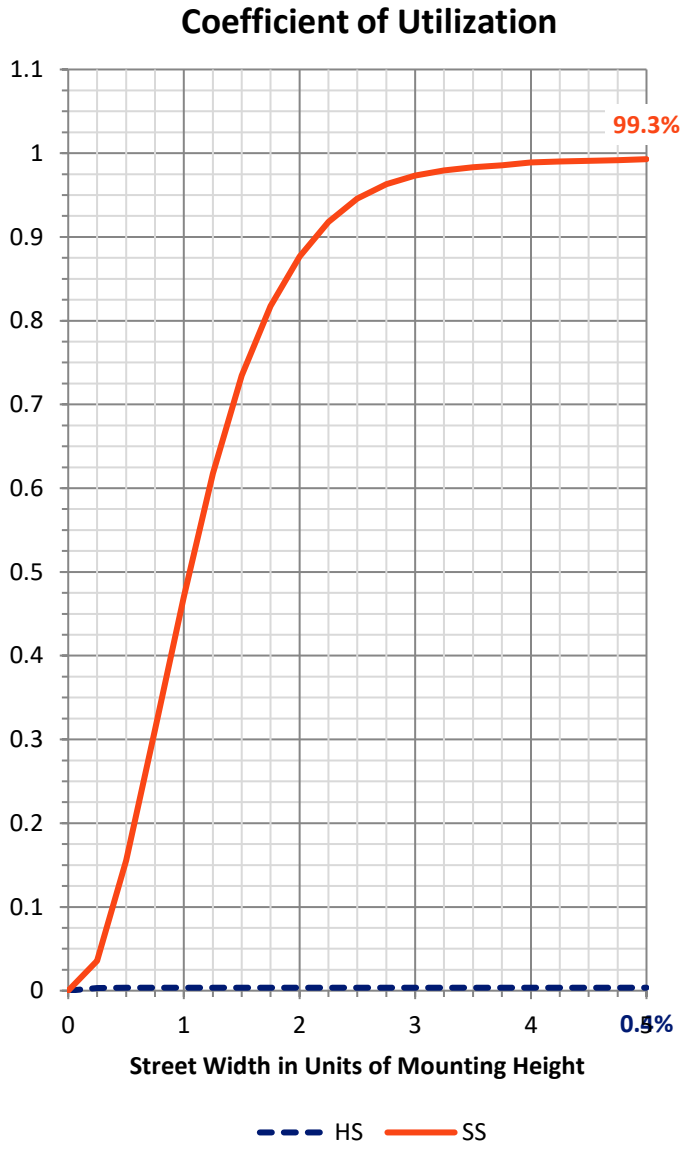
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	90.1	0.0	90.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	24589.9	0.0	24589.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	24680.0	0.0	24680.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.6	0.1
10°-20°	283.7	1.1
20°-30°	1022.5	4.1
30°-40°	2339.5	9.5
40°-50°	3945.9	16.0
50°-60°	6511.6	26.4
60°-70°	7277.6	29.5
70°-80°	3004.8	12.2
80°-90°	270.9	1.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	24680.0	100.0
0°-180°	24680.0	100.0



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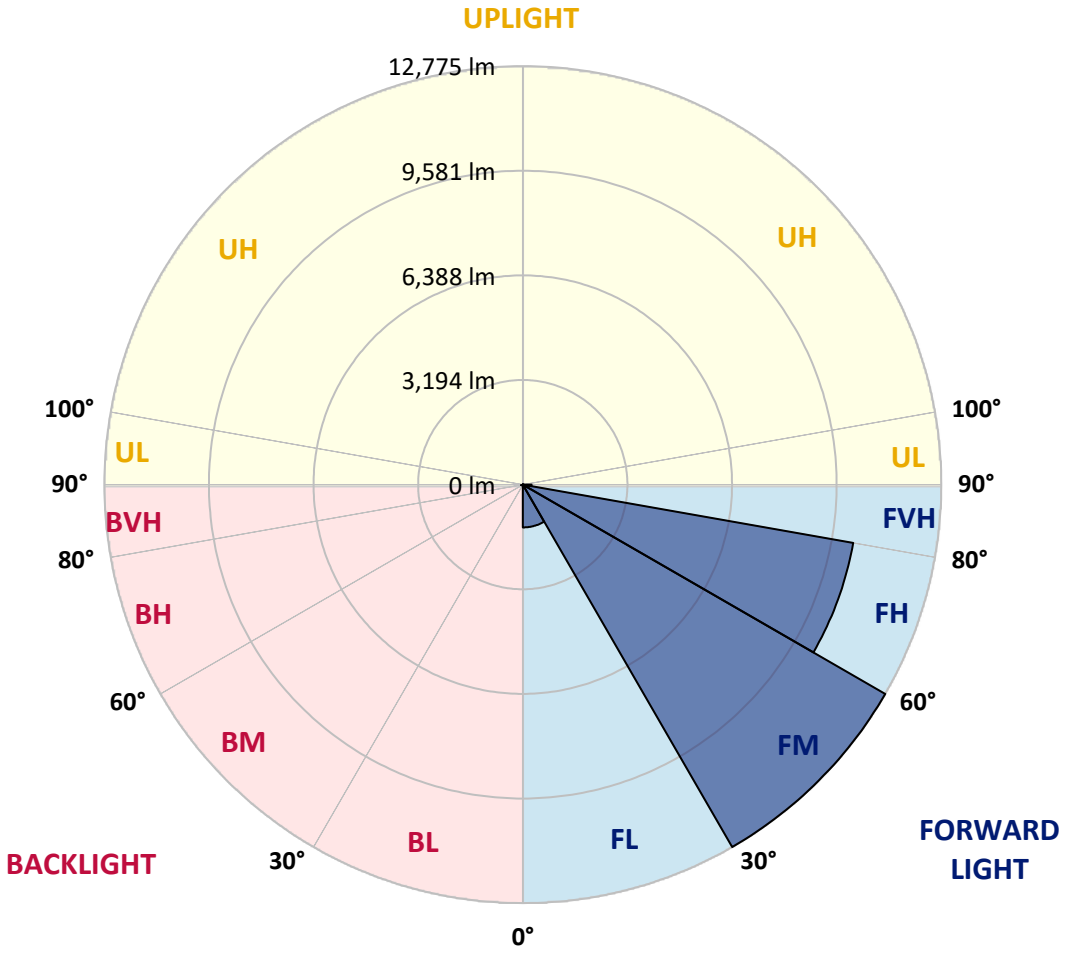
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1306.4	5.3			
FM	(30°-60°)	12775.3	51.8			
FH	(60°-80°)	10241.1	41.5			G4/12000
FVH	(80°-90°)	267.2	1.1			G3/500
BL	(0°-30°)	23.5	0.1	B0/110		
BM	(30°-60°)	21.6	0.1	B0/220		
BH	(60°-80°)	41.3	0.2	B0/110		G0/110
BVH	(80°-90°)	3.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G4
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	161.4	161.4	161.4	161.4	161.4	*161.4*	161.4	161.4	161.4	161.4	161.4
2.5°	193.6	200.1	193.6	193.6	193.6	*187.2*	187.2	180.7	180.7	174.3	167.8
5°	284.0	284.0	264.6	251.7	238.8	*232.4*	225.9	213.0	200.1	187.2	174.3
7.5°	632.6	632.6	574.5	497.0	393.7	*335.7*	322.7	264.6	225.9	200.1	174.3
10°	1510.4	1510.4	1381.3	1168.3	903.7	*671.3*	600.3	380.8	271.1	213.0	180.7
12.5°	2510.9	2543.2	2381.8	2110.7	1717.0	*1310.3*	1168.3	697.1	361.5	232.4	180.7
15°	3408.2	3330.7	3285.5	3027.3	2652.9	*2168.8*	1988.1	1174.8	522.8	264.6	180.7
17.5°	4014.9	4014.9	3950.4	3776.1	3434.0	*3008.0*	2859.5	1897.7	845.6	303.4	187.2
20°	4724.9	4724.9	4608.8	4486.1	4182.7	*3821.3*	3679.3	2698.1	1310.3	387.3	187.2
22.5°	5583.4	5596.3	5467.2	5247.8	4957.3	*4557.1*	4434.5	3440.4	1897.7	516.4	193.6
25°	6629.1	6642.0	6454.8	6248.3	5802.9	*5370.4*	5183.2	4292.5	2614.2	722.9	193.6
27.5°	7784.5	7874.9	7597.3	7242.3	6771.1	*6228.9*	6086.9	5060.6	3324.2	1019.9	206.6
30°	9224.0	9224.0	8856.0	8359.0	7849.1	*7177.8*	6997.0	5867.4	4079.5	1413.6	219.5
32.5°	10463.3	10366.5	9895.3	9372.4	8830.2	*8204.1*	8010.5	6713.0	4854.0	1904.2	245.3
35°	11412.2	11328.2	10747.3	10185.7	9714.5	*9140.1*	8907.7	7629.6	5673.8	2459.3	284.0
37.5°	12225.5	12193.2	11405.7	10702.1	10392.3	*9888.8*	9682.3	8494.6	6480.7	3059.6	329.2
40°	13116.2	13013.0	12173.8	11302.4	10837.7	*10431.0*	10243.8	9191.7	7255.2	3763.2	393.7
42.5°	13877.9	13755.3	13000.0	12148.0	11354.1	*10805.4*	10624.7	9779.1	8010.5	4466.7	477.7
45°	14723.5	14658.9	13897.3	13251.8	12193.2	*11315.3*	11076.5	10250.3	8701.1	5305.9	587.4
47.5°	15995.1	15878.9	15168.9	14639.6	13413.2	*12089.9*	11747.8	10734.4	9366.0	6132.1	755.2
50°	17473.3	17395.8	16976.2	16556.7	15336.7	*13413.2*	13006.5	11431.5	10108.3	7113.2	974.7
52.5°	18680.3	18667.4	18719.0	18725.5	17802.4	*15640.1*	15033.3	12554.7	10960.3	8081.5	1284.5
55°	18654.5	18712.6	19280.6	19932.5	20003.5	*18680.3*	18092.9	14445.9	12070.5	9275.6	1717.0
57.5°	17957.4	17912.2	18512.5	19493.6	20184.3	*20326.3*	20229.5	17382.9	13742.4	10715.0	2381.8
58°	*17731.4*	*17692.7*	*18260.7*	*19261.2*	*20055.2*	*20436.0*	*20339.2*	*18047.7*	*14116.7*	*10921.6*	*2562.6*
60°	16911.7	16918.1	17253.8	18163.9	18957.9	*19861.5*	19951.9	19945.5	15982.2	12302.9	3472.7
62.5°	15827.3	15775.6	16085.5	16827.8	17524.9	*18131.6*	18286.6	20074.6	18712.6	14058.6	5209.1
65°	14329.7	14252.3	14581.5	15420.6	16169.4	*16563.1*	16569.6	18344.7	19997.1	15943.5	7687.7
67.5°	11547.7	11483.2	12141.6	13219.5	14374.9	*14891.3*	15123.7	15917.6	18912.7	17221.5	9107.8
70°	7074.5	7210.1	8126.6	9817.8	11793.0	*12741.9*	13090.4	13335.7	16104.8	17027.9	7616.7
72.5°	3266.1	3104.8	3885.8	5067.0	7319.8	*9430.5*	9792.0	10753.8	12767.7	14781.6	5680.3
75°	1523.3	1465.2	1646.0	2214.0	3317.8	*5092.9*	5751.3	8584.9	9792.0	10282.6	4098.8
77.5°	781.0	787.5	936.0	1007.0	1368.4	*2356.0*	2704.6	5648.0	7177.8	5738.4	2749.8
80°	342.1	355.0	361.5	393.7	555.1	*910.1*	1026.3	2620.7	4905.7	2924.0	1504.0
82.5°	219.5	225.9	225.9	225.9	264.6	*361.5*	413.1	1052.1	2446.4	1452.3	464.7
85°	116.2	116.2	129.1	161.4	187.2	*219.5*	232.4	335.7	806.9	432.5	109.7
87.5°	64.5	71.0	77.5	96.8	122.6	*148.5*	161.4	232.4	309.8	296.9	25.8
90°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GALN-SA9A-935-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	161.4	161.4	161.4	161.4	161.4	161.4	161.4	161.4	161.4	161.4	161.4
2.5°	167.8	161.4	154.9	148.5	142.0	135.6	135.6	135.6	135.6	135.6	135.6
5°	161.4	154.9	148.5	135.6	122.6	116.2	109.7	103.3	103.3	103.3	103.3
7.5°	161.4	154.9	135.6	122.6	109.7	96.8	83.9	83.9	83.9	83.9	83.9
10°	161.4	148.5	129.1	109.7	90.4	77.5	71.0	64.5	64.5	64.5	64.5
12.5°	161.4	142.0	122.6	96.8	77.5	64.5	58.1	51.6	51.6	51.6	51.6
15°	161.4	142.0	116.2	90.4	71.0	51.6	45.2	38.7	38.7	38.7	38.7
17.5°	154.9	135.6	109.7	77.5	58.1	38.7	32.3	25.8	25.8	32.3	32.3
20°	148.5	129.1	96.8	64.5	45.2	32.3	19.4	19.4	19.4	19.4	19.4
22.5°	148.5	129.1	90.4	58.1	38.7	19.4	12.9	12.9	12.9	12.9	19.4
25°	148.5	122.6	77.5	45.2	25.8	12.9	6.5	6.5	6.5	6.5	6.5
27.5°	148.5	122.6	71.0	38.7	19.4	12.9	6.5	0.0	0.0	0.0	0.0
30°	142.0	116.2	64.5	32.3	12.9	6.5	0.0	0.0	0.0	0.0	0.0
32.5°	142.0	109.7	51.6	25.8	12.9	6.5	0.0	0.0	0.0	0.0	0.0
35°	148.5	103.3	45.2	19.4	6.5	0.0	0.0	0.0	0.0	0.0	6.5
37.5°	154.9	96.8	38.7	12.9	6.5	0.0	0.0	0.0	0.0	0.0	0.0
40°	161.4	90.4	38.7	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	174.3	90.4	32.3	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	187.2	90.4	25.8	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	213.0	96.8	25.8	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	232.4	103.3	19.4	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	258.2	96.8	19.4	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	290.5	96.8	19.4	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	316.3	90.4	19.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*329.2*	*83.9*	*12.9*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	393.7	77.5	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	613.2	64.5	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1245.8	58.1	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2323.7	51.6	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2601.3	58.1	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1639.5	45.2	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	864.9	45.2	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	432.5	45.2	6.5	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	200.1	32.3	6.5	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	83.9	19.4	12.9	6.5	6.5	0.0	0.0	0.0	0.0	0.0	0.0
85°	38.7	19.4	12.9	12.9	6.5	6.5	0.0	0.0	0.0	0.0	0.0
87.5°	19.4	19.4	19.4	12.9	12.9	6.5	6.5	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-15

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-935-U-5WQ

Data in this report applies to families of products including GSS-SB1A-935-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

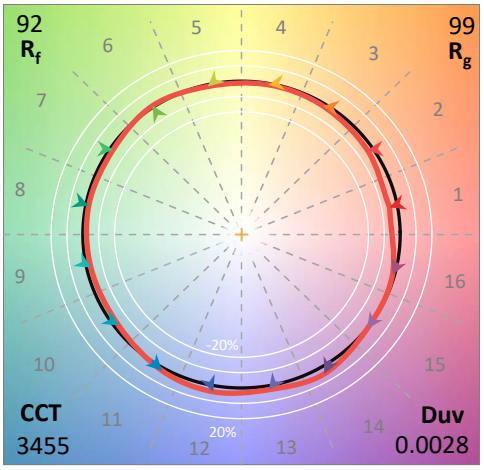
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-15
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-935-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3455
CIE u':	0.2356
CIE v':	0.5159
Duv:	0.0028
CIE x:	0.4109
CIE y:	0.3999
CIE z:	0.1892
Peak Wavelength (nm):	616
Dominant Wavelength (nm):	579
Purity:	43.35383
Rf:	92.3
Rg:	98.5

CRI (Ra):	92.2
R1:	92.0
R2:	94.4
R3:	95.6
R4:	93.2
R5:	91.4
R6:	92.5
R7:	94.5
R8:	84.2
R9:	59.8
R10:	85.8
R11:	93.2
R12:	78.0
R13:	92.5
R14:	97.0
R15:	88.4



Test Conditions

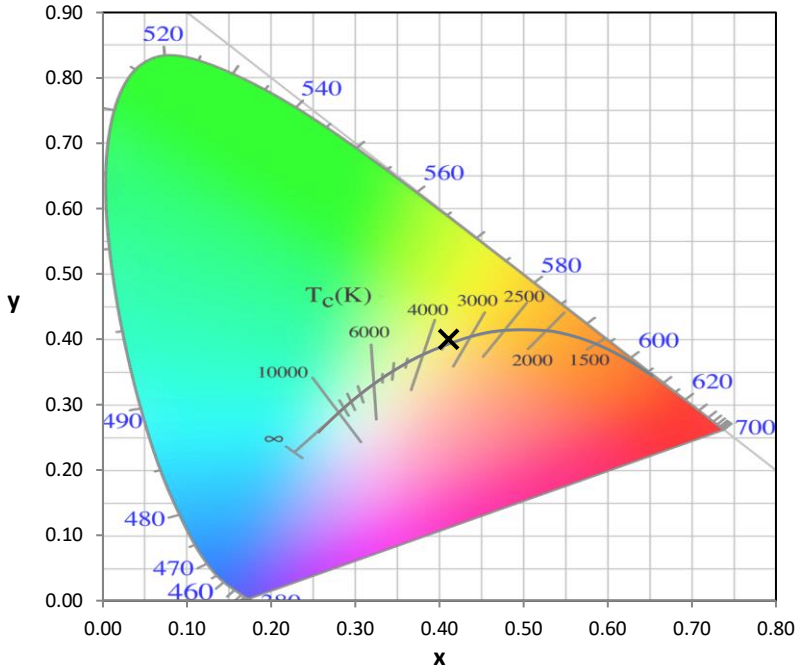
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-15

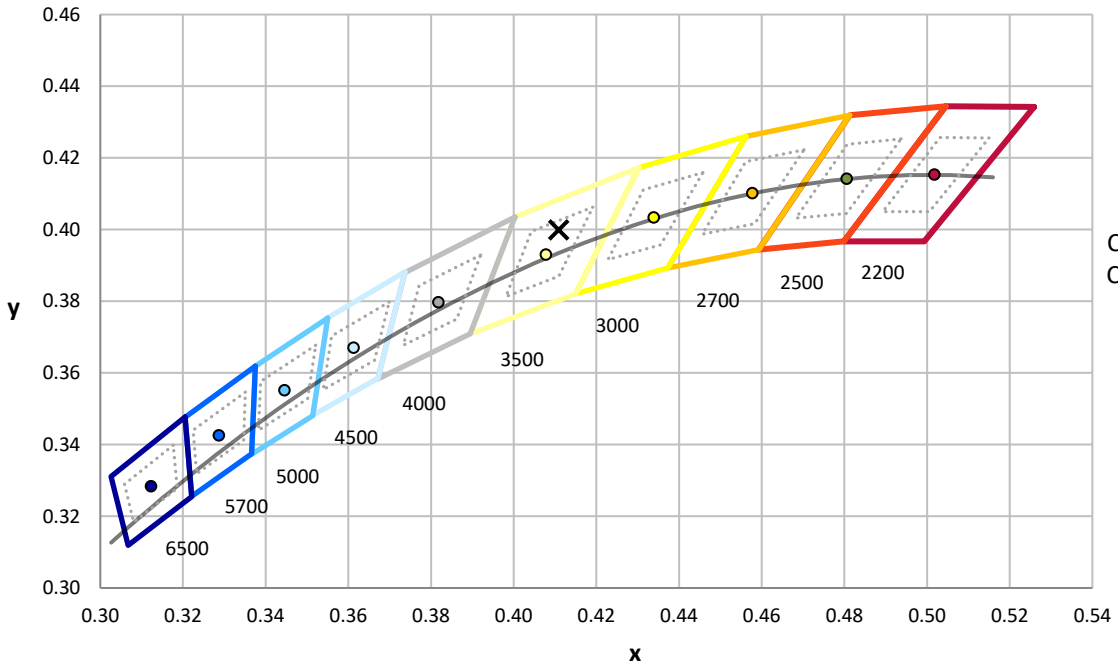
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-15

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

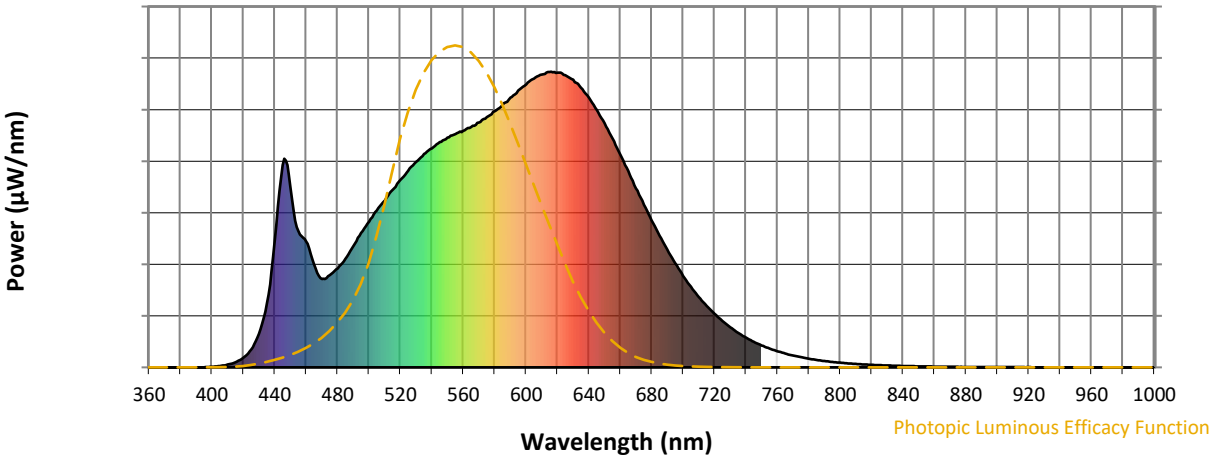


CCT = 3455K
CIE x = 0.4109
CIE y = 0.3999
Duv = 0.0028

Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-15

Photopic Flux vs. Wavelength

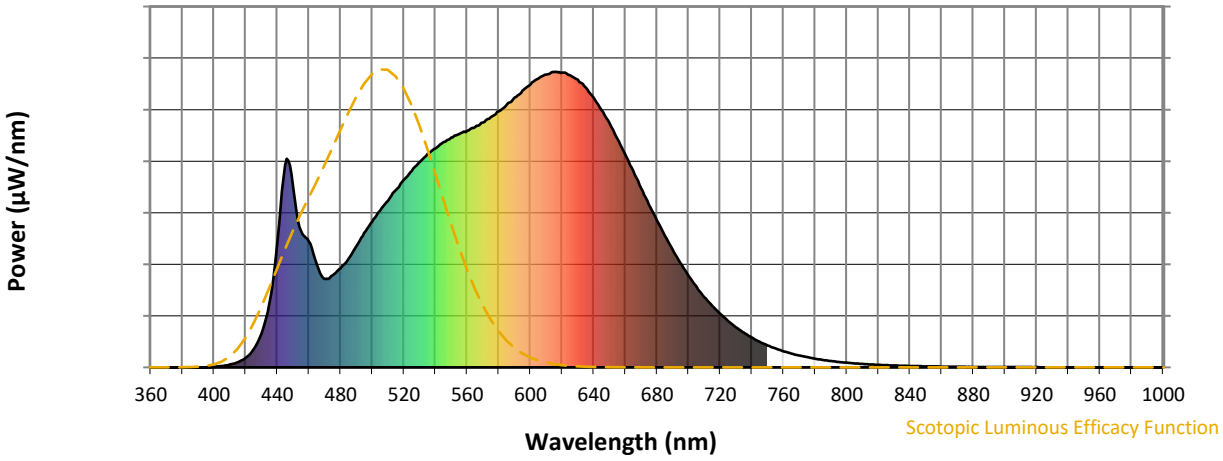


Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-15

Scotopic Flux vs. Wavelength

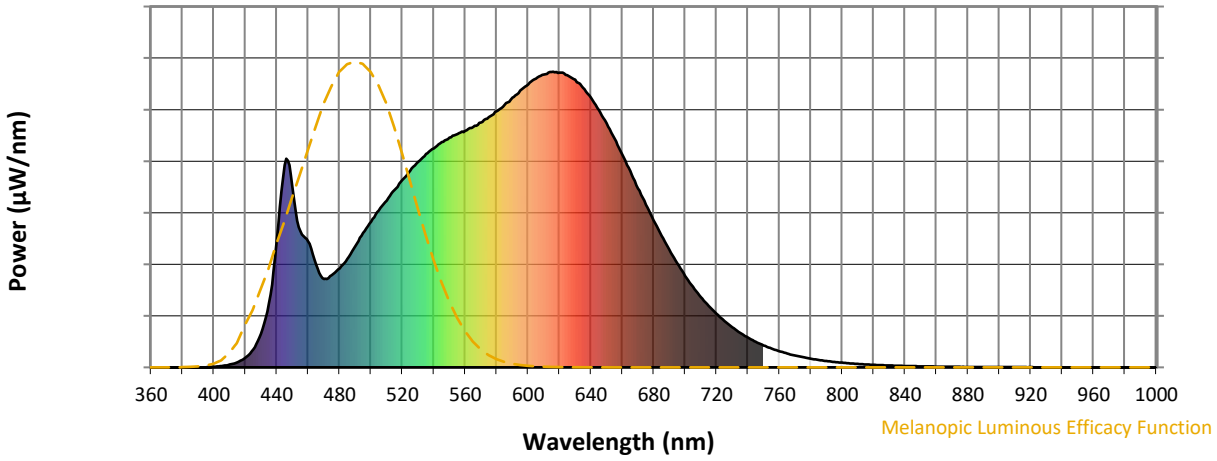


Scotopic Lumens: NR **S/P: 1.58**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-15

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.14**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

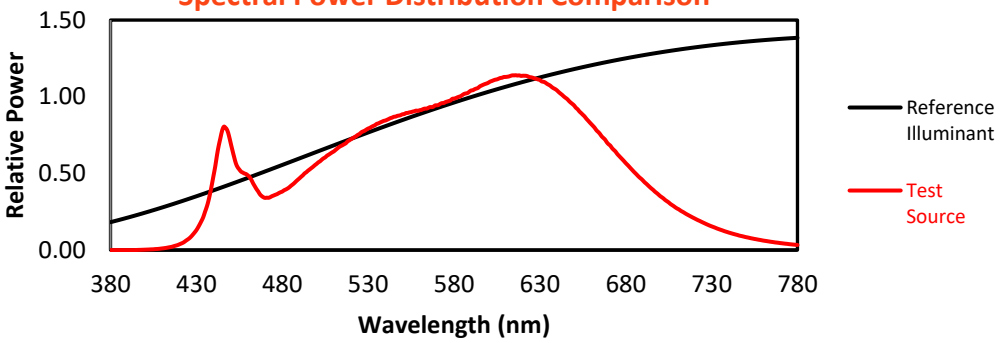
REPORT NUMBER: SP1-2407-184-15

TM-30-18

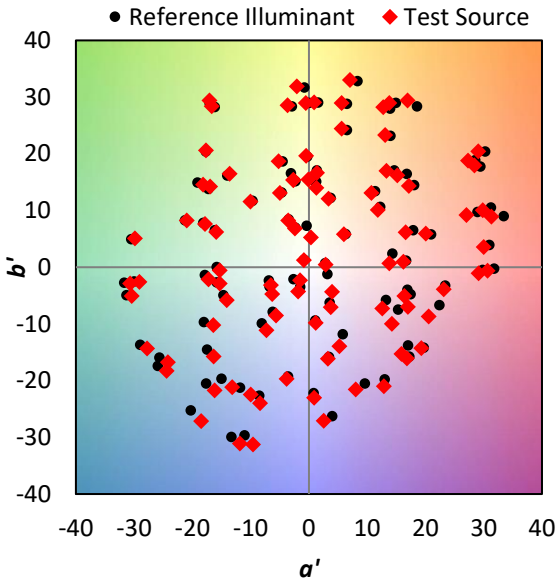
Summary

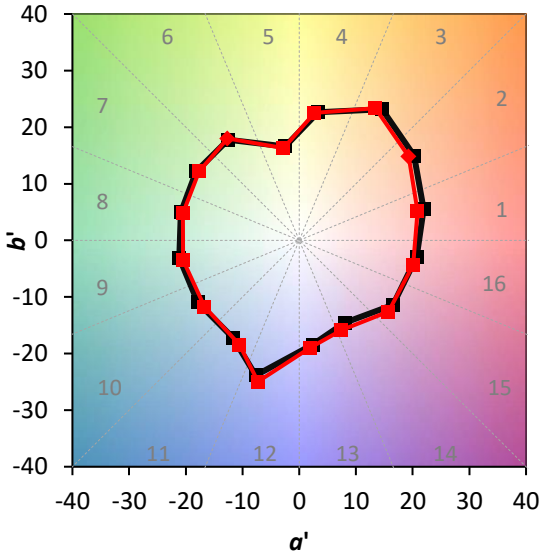
R_f = 92.3
R_g = 98.5
CIE R_a = 92.2
R_9 = 59.8

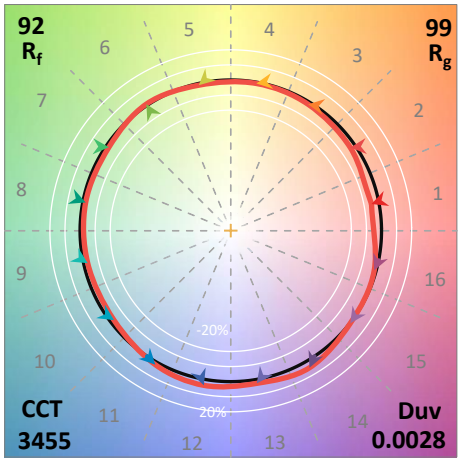
Spectral Power Distribution Comparison

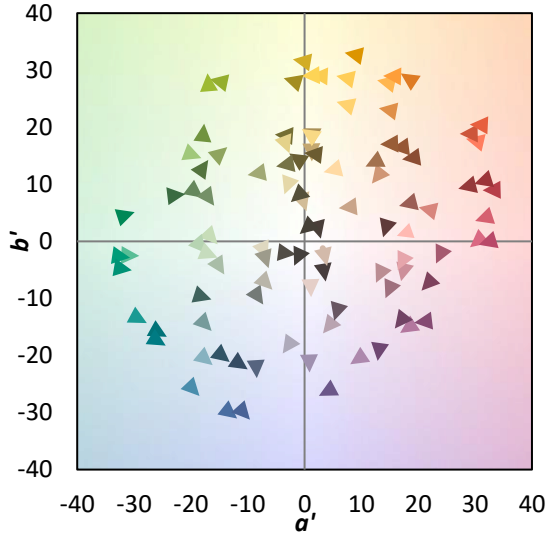


Color Vector Graphics







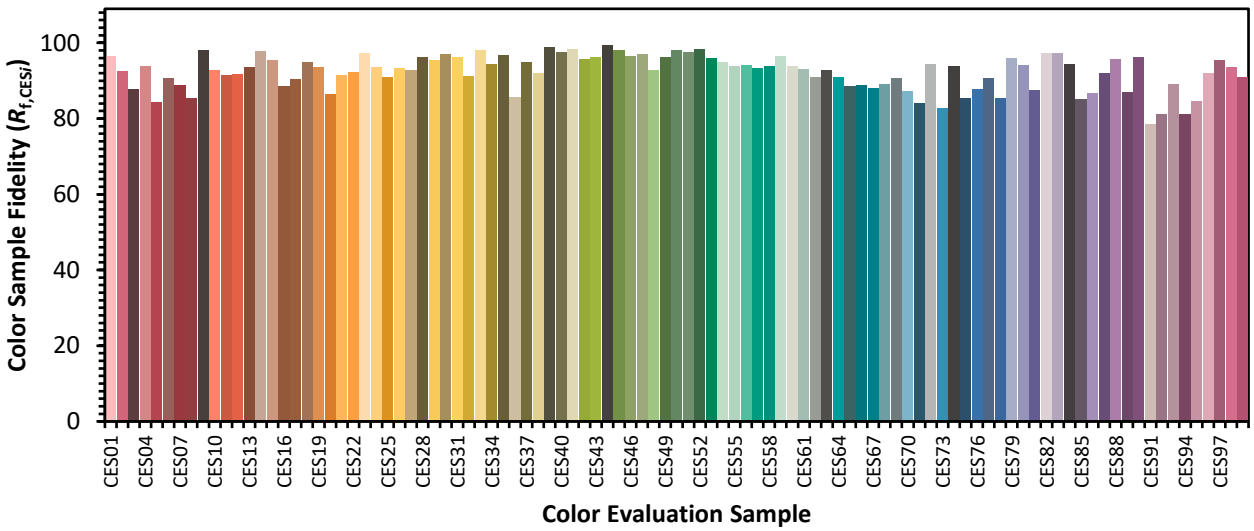


REPORT NUMBER: SP1-2407-184-15

TM-30-18

Individual Sample Fidelity Index ($R_{f,i}$)

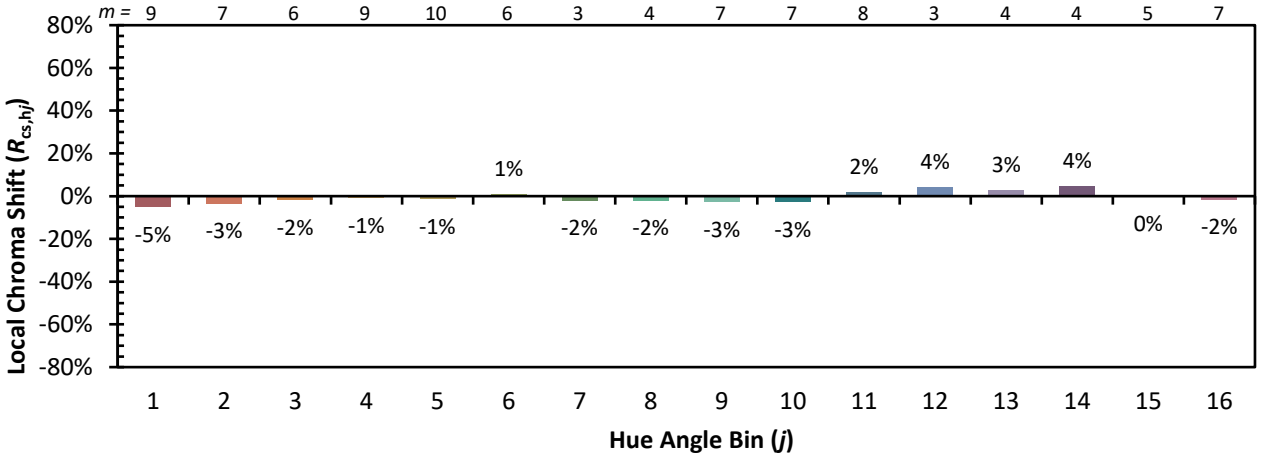
CES01 = 86	CES26 = 93	CES51 = 97	CES76 = 88
CES02 = 62	CES27 = 93	CES52 = 98	CES77 = 91
CES03 = 31	CES28 = 96	CES53 = 96	CES78 = 85
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 96
CES05 = 50	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 87
CES07 = 42	CES32 = 91	CES57 = 93	CES82 = 97
CES08 = 41	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 75	CES35 = 97	CES60 = 94	CES85 = 85
CES11 = 58	CES36 = 86	CES61 = 93	CES86 = 87
CES12 = 64	CES37 = 95	CES62 = 91	CES87 = 92
CES13 = 43	CES38 = 92	CES63 = 93	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 47	CES41 = 98	CES66 = 89	CES91 = 78
CES17 = 49	CES42 = 96	CES67 = 88	CES92 = 81
CES18 = 56	CES43 = 96	CES68 = 89	CES93 = 89
CES19 = 71	CES44 = 99	CES69 = 91	CES94 = 81
CES20 = 66	CES45 = 98	CES70 = 87	CES95 = 85
CES21 = 86	CES46 = 97	CES71 = 84	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 95	CES97 = 95
CES23 = 91	CES48 = 93	CES73 = 83	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 94	CES99 = 91
CES25 = 71	CES50 = 98	CES75 = 85	

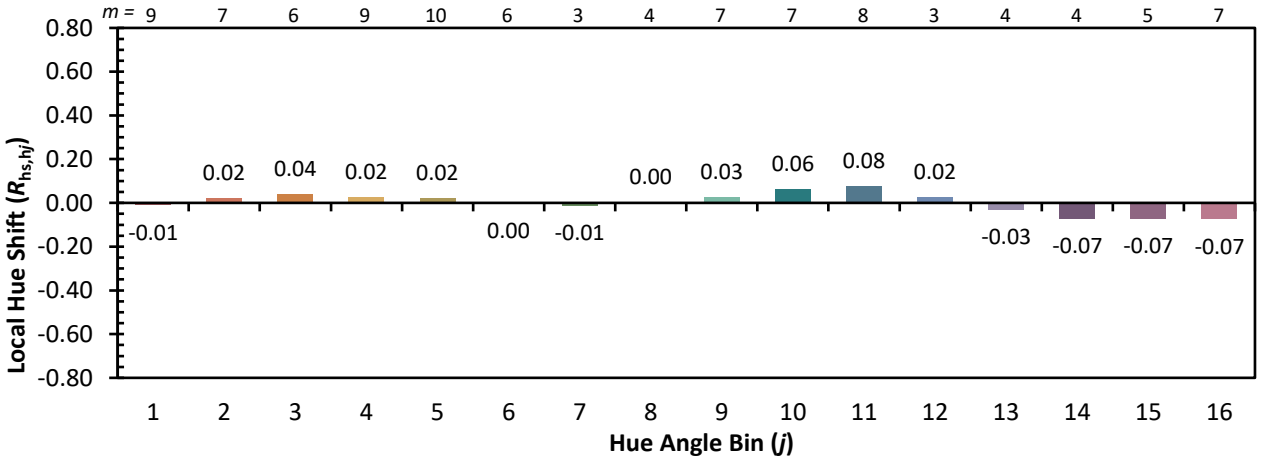


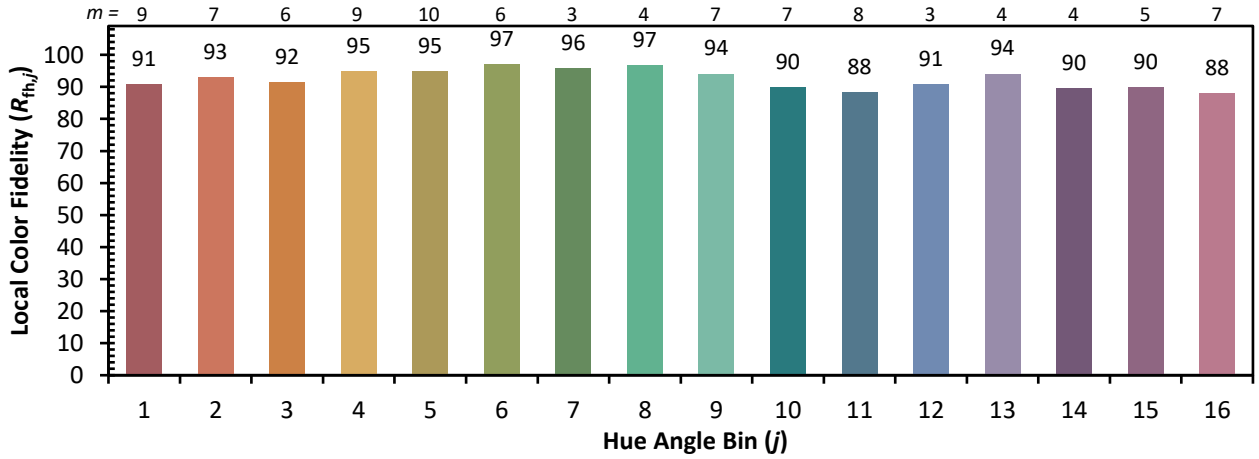
REPORT NUMBER: SP1-2407-184-15

TM-30-18

Color Rendition by Hue-Angle Bin



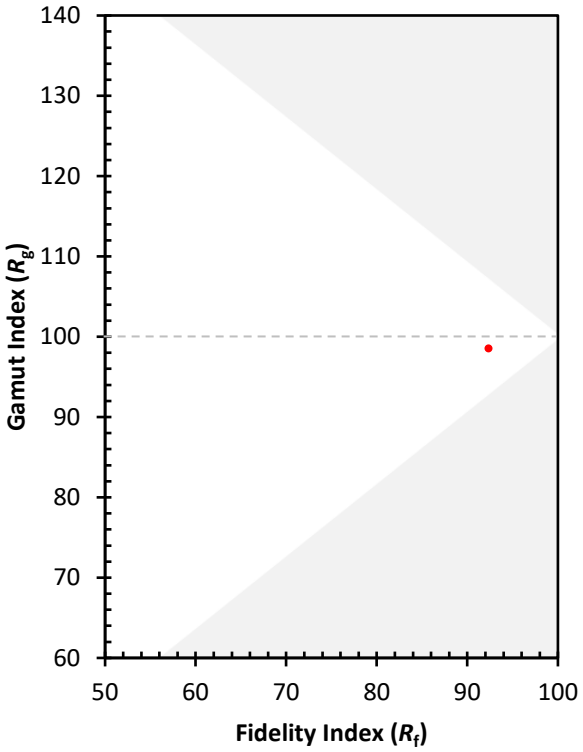


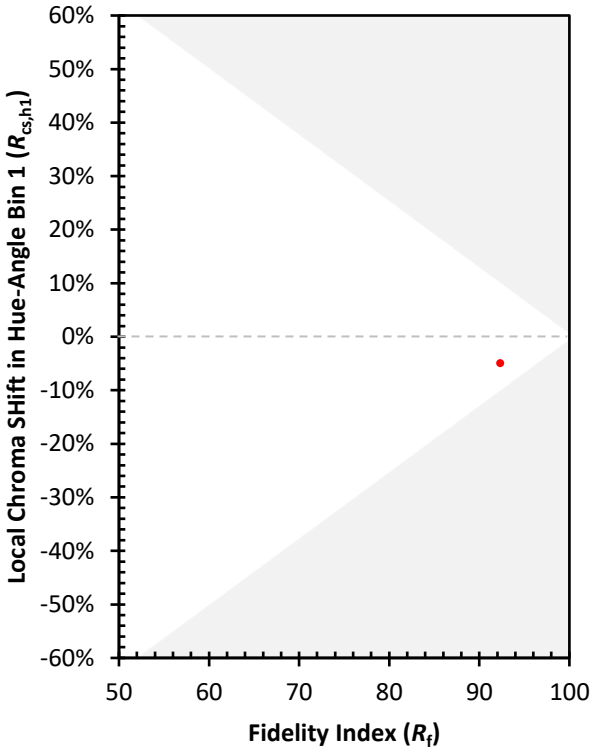


REPORT NUMBER: SP1-2407-184-15

TM-30-18

Measure Comparisons





(END OF REPORT)